

User Manual

General:

This wireless Optiscan detects when a person intends to leave the bed. It includes a built-in transmitter that communicates directly with your carephone or nurse call system. This transmitter must be configured to the carephone / nurse call system before you can use the sensor. By switching the sensor on and off three times briefly in succession, you can automatically enable the sensor to send an alarm. Because some carephones require a call to be made 2x in succession, the transmitter will have to be activated twice.

Installation and use:

Place the sensor on the floor, facing the bed (figure 1). Make sure that the sensor is placed safely where it can cause no harm to the inhabitant, for example underneath a chair or table. **It is highly preferable to place it at a distance of at least 2 meters from the bed.** The sensor has a 90 degrees field of view over a distance of approximate 7 meter. Make sure that no objects are in front of the sensor that can block its view (figure 2).



Figure 1: Sensor placement

Switching on:

1. Switch on the sensor by placing the switch on the back of the sensor to position "1" ("0" is off)
2. Leave the room
3. The sensor switches itself on automatically once **no** movement across the floor has been detected for 15 seconds.



Figure 2: Viewing angle sensor

Note: *The sensor will not transmit any alarms in the first 5 seconds after the sensor is turned on. This will prevent falls alarms when the sensor is turned on.*

Switch off:

1. Turn the sensor off by setting the switch to position "0" ("1" is on)
2. If applicable, set the alarm on the care-system telephone / nurse call system.

Between detection of movement and activation of the transmitter there is a delay of 2 seconds. This gives you the chance to deactivate the sensor before the transmitter is activated. It is possible to extend this delay by an extra 3 or 5 seconds. You can do this by moving jumper 2 to position three or five (figure 3).

Battery replacement:

When the yellow LED on the rear illuminates every 2 or 3 seconds, the battery must be replaced as soon as possible. Only replace it with a 3.6 Volt lithium cell of size ½ AA..

Correct operation can only be guaranteed when an original battery is used (Tadiran brand, type TL2150).

Remove the four screws on the rear of the pedestal.

Replace the battery as shown in the drawing with the positive terminal down. After closing the pedestal of the sensor, the sensor will require 2 to 5 minutes to calibrate. This is indicated by the regular illumination of the red light behind the sensor lens.

NEVER TOUCH THE ELEMENT IN THE SENSOR!

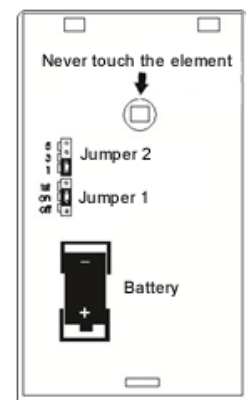


Figure 3: Battery placement